RS ELCO 56/56RM S

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Similar to illustration

ELCO contacts inserts are used in electrical power plants, refineries and a variety of process applications – wherever stable and reliable signal transmission is required. The ELCO connector features both a reliable connection system and a high signal capacity.
The line of RS ELCO interfaces and pre-assembled PAC ELCO cables is a specially designed solution for these requirements.

General ordering data

Version	Interface, RS ELCO, ELCO plug-in connector, 56, LP2N 5.08mm
Order No.	1126770000
Type	RS ELCO 56/56RM S
GTIN (EAN)	4032248908455
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	60 mm	Depth (inches)	2.362 inch
Height	70 mm	Height (inches)	2.756 inch
Width	155 mm	Width (inches)	6.102 inch
Net weight	220 g		

Temperatures

Storage temperature	-40...60 °C	Operating temperature	-25...50 °C

Connection Data

Connection (field side)	LP2N 5.08mm	Connection on control side	ELCO plug-in connector
Connector alignment	Right	Contact material (control side)	Phosphor bronze alloy
Number of poles (control side)	56-pole plug	Polarity hardware codification	1

Rating data

Rated voltage	150 V AC / 200 V DC	Rated current per connection	1.5 A
Total operating current	84 A		

Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	< 150 V AC
Surge voltage category	II	Pollution severity level	2
Pulse voltage test (1,2/50µs)	2.5 kV	Insulation test voltage AC	0.8 kV

Connection field

Clamping range, max.	6 mm²	Clamping range, min.	0.5 mm²
Flexible with sleeve, max.	2.5 mm²	Flexible with sleeve, min.	0.5 mm²
Flexible, max. H05(07) V-K	4 mm²	Flexible, min. H05(07) V-K	0.5 mm²
Max. wire cross-section, AWG	AWG 12	Min. wire cross-section, AWG	AWG 26
Sleeve with plastic collar, max.	2.5 mm²	Solid, max. H05(07) V-U	6 mm²
Solid, min. H05(07) V-U	0.5 mm²	Stripping length	6 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.5 Nm
Type of connection	Screw connection		

Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	EC002780	ETIM 9.0	EC002780
ECLASS 9.0	27-14-11-52	ECLASS 9.1	27-14-11-52
ECLASS 10.0	27-14-11-52	ECLASS 11.0	27-14-11-52
ECLASS 12.0	27-14-11-52	ECLASS 13.0	27-14-11-52

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	7b5ffb72-271d-4c73-8b09-bd0aaee3697a

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Technical data

Approvals

Approvals	
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	K338_01_11.pdf
Product Change Notification	20220822 Technical change to RS ELCO modules
User Documentation	Table of connections
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

